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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/649,257

08/27/2003

Wade D. Weitzel

200206960-1

7201

22879 7590 12/28/2006

HEWLETT PACKARD COMPANY

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INTELLECTUAL PROPERTY ADMINISTRATION

FORT COLLINS, CO 80527-2400

EXAMINER

PATEL, KANJIBHAI B

ART UNIT

PAPER NUMBER

2624

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

12/28/2006

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/649,257	WEITZEL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Kanji Patel	2624	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 August 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 and 14-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>12/1/03, 2/2/05</u> .   | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. Information Disclosure Statement submitted on 12/01/03 and 2/2/05 have been considered by the examiner.

### ***Drawings***

2. Drawings filed 8/27/03 have been approved by the examiner.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

**Claims 1-12 and 14-20** are rejected under 35 U.S.C. 102(b) as being anticipated by Hanson et al. (US 6,101,509).

**For claims 1, 10 and 18**, Hanson et al. disclose a method for generating an electronically publishable document (column, 2, line 53; column 4, lines 21-24; column 5, lines 32-37) comprising:

receiving image data corresponding to a physical document (column 6, lines 47-51);

segmenting said image data (column 7, lines 24-32);

creating a markup language file containing said segmented image data (column 4, lines 35-41; column 6, lines 46-51; an editor is used to create for creating web page using markup language); and

embedding a graphical user interface within said markup language file that enables navigation to segmented image data as selected by the user (column 8, lines 39-52).

**For claim 2**, Hanson et al. disclose the method of claim 1 further comprising: performing optical character recognition (OCR) processing of the segmented imaged data (column 6, lines 37-41).

**For claim 3**, Hanson et al. disclose the method of claim 2 further comprising: searching text data generated from said OCR processing to identify section identifiers (column 6, lines 37-41).

**For claim 4**, Hanson et al. disclose the method of claim 3 further comprising: creating a plurality of links in said markup language file utilizing said section identifiers to enable user navigation to said segmented image data associated with said section identifiers (column 8, line 40 to column 9 line 15; column 10, lines 17-66).

**For claim 5**, Hanson et al. disclose the method of claim 4 wherein said plurality of links are created in a table of contents section of said markup language file (Figures 5-7).

**For claim 6**, Hanson et al. disclose the method of claim 2 wherein said embedding a graphical user interface comprises:

embedding a script in said markup language file that performs a search of document text in response to search queries (column 4, lines 45-47).

**For claim 7**, Hanson et al. disclose the method of claim 1 wherein said physical document is a multi-page document, said method further comprising: creating page identifiers within said markup language file column 10, lines 17-66).

**For claim 8**, Hanson et al. disclose the method of claim 7 wherein said embedding a graphical user interface comprises:

providing user controls to enable user navigation according to said page identifiers (column 10, lines 62-66).

**For claim 9**, Hanson et al. disclose the method of claim 1 wherein said embedding a graphical user interface comprises:

receiving manual identification of ones of said segmented image data; and creating links within said markup language file to enable user navigation to said manually identified ones of said segmented image data (column 11, lines 12-64).

**For claim 11**, Hanson et al. disclose the computer readable medium of claim 10 further comprising:

code for generating a text file from image data segmented by said code for segmenting (column 6, lines 37-41).

**For claim 12**, Hanson et al. disclose the computer readable medium of claim 11 further comprising:

code for creating a search control within said markup language file to enable user navigation according to text queries (Figures 5-6).

**For claim 14**, Hanson et al. disclose the computer readable medium of claim 10 further comprising:

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code for creating markup language tags in said markup language file to indicate segmented image data corresponding to pages of said physical document ((figure 2; column 1, lines 36-61).

**For claim 15**, Hanson et al. disclose the computer readable medium of claim 14 further comprising:

code for embedding a user control in said markup language file to enable user navigation to a selected page (column 2, lines 5-17).

**For claim 16**, Hanson et al. disclose the computer readable medium of claim 14 further comprising:

code for embedding a user control in said markup language file to enable user navigation forward or backward according to said markup language tags that indicate segmented image data corresponding to pages of said physical document (column 10, lines 17-66).

**For claim 17**, Hanson et al. disclose the computer readable medium of claim 10, wherein said code for segmenting segments image data corresponding to text elements, line art elements, and graphical image elements (Figures 5-7).

**For claim 19**, Hanson et al. disclose the system of claim 18 further comprising: means for performing optical character recognition (OCR) processing upon text data segmented by said means for performing page segmentation (column 6, lines 37-41).

**For claim 20**, Hanson et al. disclose the system of claim 19 further comprising: means for embedding a search script, in said markup language file, operable to search text data generated by said means for performing OCR processing to enable

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navigation to ones of said segmented data according to search queries (column 4, lines 35-47; column 6, lines 37-41).

**Other prior art cited**

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lemons et al. (US 7,073,188 B2) disclose an electronic program guide using markup language.

Kauffman (US 6,915,303 B2) discloses a code generator system for digital libraries.

Berger et al. (US 6,230,174 B1) disclose a method of generating a mark-up language document containing image slices.

Luca (US 6,282,539 B1) discloses a method and system database publishing.

Carter et al. (U 6,026,474) disclose a shared client-WEB caching using globally addressable memory.

**Contact Information**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kanji Patel whose telephone number is (571) 272-7454. The examiner can normally be reached on Monday to Thursday from 8 a.m. to 6:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bella, Matthew can be reached on (571) 272-7778. The fax phone number for the organization where this application or proceeding is assigned is (571)-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kanji Patel  
Art Unit 2624  
12/26/06

  
**KANJIBHAI PATEL**  
**PRIMARY EXAMINER**